

PRION PROTEIN DIAGNOSTIC AND REMOVAL SYSTEMS

ABSTRACT

5 Ligands that bind to prion proteins and methods for using the ligands for detecting or
removing a prion protein from a sample, such as a biological fluid or an environmental
sample. The ligands are capable of binding to one or more forms of prion protein including
cellular prion protein (PrPc), infectious prion protein (PrPsc), and recombinant prion protein
(PrPr). Prions from various species, including humans and hamsters, are bound by the
ligands. Also provided is a method of treating or retarding the development of a prion-
10 associated pathology in a subject

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